



KAY MARIOT

XENON

Element Symbol: **Xe**

Atomic Number: **54**

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The element Xenon is represented by the symbol Xe. The atomic number of Xenon is 54 on the Periodic Table of Elements. It was discovered on July 12, 1898.

The Atomic weight for Xenon is 131.30. The melting point of Xenon is -111.79°C, and the boiling point of Xenon is -108.12°C. Xenon is a gas at room temperature.

Xenon is commonly used in the making of lamps that generate coherent light. Xenon is composed of nine stable isotopes. There are over 20 unstable isotopes.

Xenon can be obtained by the separation of air into Oxygen and Nitrogen.

In a vacuum tube, Xenon can produce a blue glow when excited by an electrical discharge.

Provided by the element sponsor sponsor Henry Hondros

ARTISTS DESCRIPTION

Xenon is a chemical element that is used in photographic flashes. I chose to represent the object that Xenon is used in, to show the link between this element and everyday human use. I created a monoprint and added colour digitally. The colour blue was chosen because Xenon is a gas that glows this colour when excited by an electrical current.

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